

January 21, 2016

MEMORANDUM FOR: Distribution Email

FROM: Christine Caruso Magee  
Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for  
CPC, OPC, and WPC

**Climate Prediction Center**

The following accelerated items were implemented this past week:

None

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The following will be implemented the week of January 25, 2016:

None

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The following RFCs are in progress:

None

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The following NCO RFCs to be implemented the week of January 18, 2016 may affect CPC:

RFC #1665 – Modify access rules and route advertisements to allow College Park NCEP users to access the R&D machines with public IP addresses through the MAX router. To be implemented on January 25 at 1500Z.

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The following NCO RFCs are in progress and may affect CPC:

None

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## **Ocean Prediction Center**

The following accelerated items were implemented this past week:

None

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The following will be implemented the week of January 25, 2016:

RFC #571 - The "split\_up\_vgf.pl" operational launch script was updated to divert specific text items from going into incorrect layers in lp files. To be implemented on January 26 at 1200Z.

RFC #572 - A new web page for the Vibrio ecological forecasting project is being set up. This page is for the Delaware Bay but is based on the very similar Chesapeake Bay Vibrio para post-harvest forecast web page. The page uses the DBOFS model and the surface air temperature from the NAM model to estimate post-harvest bacteria growth. The intended users are oyster growers and Delaware Bay state health and shellfish managers. To be implemented on January 27 at 1430Z.

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The following RFCs are in progress:

None

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The following NCO RFCs to be implemented the week of January 25, 2016 may affect OPC:

RFC #1671 – WCOSS Dataflow v1.77.0, NCOSRV Dataflow v2.15.0 - The DBNet software running on WCOSS and NCOSRV is being modified to begin disseminating parallel North American Ensemble Forecast System (NAEFS) datasets to the parallel NOMADS site and NCWCP. Along with the NAEFS data, parallel versions of the bias corrected GEFS and FNMOC Ensemble data sets will also be disseminated for evaluation. To be implemented on January 26 at 1300Z.

RFC #1672 – WCOSS Dataflow v1.76.0 - The DBNet software on WCOSS is being modified to begin sending 0.25 degree GDAS GRIB2 files to the AWIPS-II

systems (CTBN, HPCN, NTBN, and OPCN). This additional data was requested by OPC. To be implemented on January 26 at 1300Z.

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The following NCO RFCs are in progress and may affect OPC:

None

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The following NCO RFCs, which may affect OPC, were approved with an implementation date TBD:

RFC #1357 – RTOFS global v1.1.0 – Major upgrade of the Global RTOFS model. See the TIN at: <http://www.nws.noaa.gov/os/notification/tin15-36global-rtofsaaa.htm> for details. This was advertised as having an October 6 implementation date but this implementation is being postponed due to a delay in the Navy's HYCOM model upgrade. Once the HYCOM upgrade is implemented, the Global RTOFS will be scheduled for implementation. Notification will be given in advance so users may prepare for any changes which may affect them. This upgrade of the Global RTOFS was approved by the NCEP Director.

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**Weather Prediction Center**

The following accelerated items were implemented this past week:

RFC #567 – The script which creates gif images of WPC's Day 4-7 probabilistic winter precip forecasts (PWPF) was modified so the color fills used match those in the Google Maps images. Implemented on January 18 at 1900Z.

RFC #568 – Modified script 'make\_pwpf\_kml' to no longer append legends to WPC PWPF KML files. Google Maps fails to load them. Legends are now added to the web pages. Implemented on January 20 at 1400Z.

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The following will be implemented the week of January 25, 2016:

RFC #569 – Implement 2 new scripts to create preview GEMPAK grids of WPC downscaled QPF and winter weather forecasts prior to transmission. This is in support of operations. To be implemented on January 25 at 1200Z.

RFC #570 – Source code ‘group\_ndfd\_wx1.f’ groups the NDFD WX type for the WPC Basic Weather Chart. This code will be updated to match the NDFD weather type graphics on the NWS NDFD page at <http://graphical.weather.gov/sectors/conus.php>. This is based on a request from NWS HQ to have consistency between the 2 graphics. To be implemented on January 25 at 1300Z.

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The following RFCs are in progress:

None

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The following NCO RFCs to be implemented the week of January 25, 2016 may affect WPC:

RFC #1671 – WCOSS Dataflow v1.77.0, NCOSRV Dataflow v2.15.0 - The DBNet software running on WCOSS and NCOSRV is being modified to begin disseminating parallel North American Ensemble Forecast System (NAEFS) datasets to the parallel NOMADS site and NCWCP. Along with the NAEFS data, parallel versions of the bias corrected GEFS and FNMOC Ensemble data sets will also be disseminated for evaluation. To be implemented on January 26 at 1300Z.

RFC #1672 – WCOSS Dataflow v1.76.0 - The DBNet software on WCOSS is being modified to begin sending 0.25 degree GDAS GRIB2 files to the AWIPS-II systems (CTBN, HPCN, NTBN, and OPCN). This additional data was requested by OPC. To be implemented on January 26 at 1300Z.

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The following NCO RFCs are in progress and may affect WPC:

None

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Please note that security-related RFCs are never listed in the RFC memo.

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---- OPERATIONAL ANNOUNCEMENTS ----

The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.